Abstract

A method of and system for object-oriented real-time mechanical control of automated immunochemistry instruments. The mechanical control method and system has an object-oriented attribute which incorporates and implements one or more of the

5   following characteristics: encapsulation of functionality, information hiding, abstraction, concept of nouns and/or verbs or properties and/or methods, inheritance, specialization, and generalization. The mechanical control method and system has a real-time attribute which satisfies the requirement that certain actions of one or more units of the automated immunochemistry instrument must occur at a specific time in order for the instrument to

10   function correctly, wherein the control system responds to inputs and other stimuli and causes various units of the instrument to respond appropriately in a timely manner.